BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 1250000.00

Name of Work: Detailed Estimate for the work of Providing Grill to BBMP Division office in ward no -02 of yelahanka Sub division.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Providing and fixing M.S Gril over existing compound wall as per chief Architect drawing No. 12686, Using 16mm X16mm M.S Sqquare rod at 150mm c/c spacing and 6mmX40mm M.S foats at horizontal and 6mm X12mm M.S flote for ornamental design and providing shop edge design at the vertex of every vertical roads, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete the work includes cost of all materials, labour charges for all item of work, hire charges of welding, cutting and grainding equipment, and electricity charges, etc. complete as per specification and drawing Page No 44 / I No 7.36/ PWD SR 2018-19	sqm							
	staircase grill								
			1	2.00		1.75	3.50		
			1	5.90		2.05	12.10		
	compound wall left side		1	8.40		0.90	7.56		
	front side		1	1.80		0.90	1.62		
			1	1.20		0.90	1.08		
			1	5.80		0.90	5.22		
	right side		1	14.70		0.90	13.23		
	back side		1	14.30		0.90	12.87		
			1	0.90		0.90	0.81		
							57.99	**5691.14**	**330001.00**
	Basic Rate	5369.00							
	Area Weightage 6%	322.14							
	Grand Total	5691.14							

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
2	KSRB 7.1 Providing and fixing in position collapsible steel stutters with single or double leaf with vertical channel 20mmx10mm x2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6 mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stoppers, handles on both sides with 7.5 cms openings at 10 cms. c to c applying a priming coat of re lead paint, cost of materials, labour, HOM of machinery complete as per specifications Size of gate 2.4mx1.4m Specification NO, KBS 7.7 / 7.12 Page No. 33 / Item No. 7.1/ PWD SR 2018-19	sqm							
	collapsible gate		1	2.00		2.70	5.40		
	division back gate		1	4.00		2.70	10.80		
							16.20	5522.60	89466.00
	Basic Rate	5210.00							
	Area Weightage 6%	312.60							
	Grand Total	5522.60							
3	KSRB 7.5 Providing and fixing pull and push type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & operations complete Including pulling hooks, 4nos handles wit hall fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labour, HOM of machinery complete as per specifications Shutter size 3mx2.8m Specification NO, KBS 7.10 / 7.12 Page No. 36/ Item No. 7.5/ PWD SR 2018-19	sqm							
			1	4.00		2.10	8.40		
							8.40	2763.42	23213.00
	Basic Rate	2607.00							
	Area Weightage 6%	156.42							
	Grand Total	2763.42							

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
3	KSRRB 300-1,Earth work excavation by manual means in ordinary soil involving an average horizontal throw up to 2 meters and an average lift uo to 1.5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no19.1,Page no143, PWD SR 2018 19)	cum							
	kote bheedhi anganavadi building compound inside		1	14.00	6.00	0.20	16.80		
			1	96.00	3.00	0.20	57.60		
							74.40	**137.80**	**10252.00**
	Basic Rate	130.00							
	Area Weightage 6%	7.80							
	Grand Total	137.80							
4	KSRB 100-1 Loading and unloading ofstone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumpting turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 130 and KSRB M.100.4.1 costof haulage excluding loading and unloading MORTH to a distance of 4.00 K.M (Item No 17.4 Page 136 (SR 2018-19)	cum							
			Vide Item No. 1				**74.40**	**87.56**	**6514.00**
	Basic Rate for loading and unloading	57.00							
	Basic Rate for Haulage upto 8.00 k.m =1.28 X 2.50 X 8	25.60							
	Basic Rate	82.60							
	Area Weightage 6%	4.96							
	Grand Total	87.56							
5	KSRB 4-1.3. Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No.KBS	Cum							
	kote bheedhi anganavadi building compound inside		1	14.00	6.00	0.15	12.60		

	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
			1	96.00	3.00	0.15	43.20		
							55.80	**5408.12**	**301773.00**
	Basic Rate	5102.00							
	Area Weightage 6%	306.12							
	Grand Total	5408.12							
6	KSRRB M600-6: cement concrete pavement, construction unreinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with 43 grade cement or any other type as per clause 1051.2.2M20/M30 at 380/450 kg per cum, coarse and fine aggregate conforming to IS: 383, maximum size of coarse aggregate not exceeding 25mm, mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including leveling the form work as per drawing,), spreading the concrete with shovels, rackers compacted using needle, scred and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved curing compound, finishing to lines and grade as per drawing complete as per specification M30(at 360kg per cum coarse aggregate @ 0.69cum and fine aggregare @ 0.46cum), No. 175/ Item No. 22.6.1 SR 2018-19	**Cum**							
	kote bheedhi anganavadi building compound inside		1	14.00	6.00	0.15	12.60		
			1	96.00	3.00	0.15	43.20		
	staircase grill								
			1	2.00	0.20	0.20	0.08		
			1	5.90	0.20	0.20	0.24		
	compound wall left side		1	8.40	0.20	0.20	0.34		
	front side		1	1.80	0.20	0.20	0.07		
			1	1.20	0.20	0.20	0.05		
			1	5.80	0.20	0.20	0.23		
			1	14.70	0.20	0.20	0.59		
	right side		1	14.30	0.20	0.20	0.57		
	back side		1	0.90	0.20	0.20	0.04		
							58.00	**5210.96**	**302236.00**
	Basic Rate	4916.00							
	Area Weightage 6%	294.96							
	Grand Total	5210.96							
7	Vaccum De- writing with vaccum pump and suction mat and compaction with skin flater clubbed with floatiog disc including cost of generator, HOM of machinery Sereed Vibratory Power Floaterblade and diisc etc. with all lead and lift. Page No 176 Item No 22.7 SR 2018-19	**Sqm**							

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	kote bheedhi anganavadi building compound inside		1	14.00	6.00		84.00		
			1	96.00	3.00		288.00		
							372.00	**72.08**	**26814.00**
	Basic Rate	68.00							
	Area Weightage 6%	4.08							
	Grand Total	72.08							
8	Providing groove cutting for width of 5mm to 100m depth 80mm-100 including cost of cutting machine, generatoe & HOM of machinery, including cost of blade, coolant etc., including cleaning of groove & providing sand and hot birumen fillars, and filler metal etc., including cost of conveyance of all materials, Labour, lead and lift charges and all other incidental charges as per drawing and as per specifications. do- for concrete pavement Item no 22.8.1 Page No 176 SR 2018-19	Rmt							
	kote bheedhi anganavadi building compound inside		3	6.00			18.00		
			8	3.00			24.00		
							42.00	**143.10**	**6010.00**
	Basic Rate	135.00							
	Area Weightage 6%	8.10							
	Grand Total	143.10							
	KSRB 15-17.6 Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications. Page No.125 / Item No. 15.60.1 / PWD SR 2018-19	sqm							
	staircase grill		2	2.00		1.75	7.00		
			2	5.90		2.05	24.19		
			2	8.40		0.90	15.12		
	compound wall left side		2	1.80		0.90	3.24		
	front side		2	1.20		0.90	2.16		
			2	5.80		0.90	10.44		
			2	14.70		0.90	26.46		
	right side		2	14.30		0.90	25.74		
	back side		2	0.90		0.90	1.62		
			2	2.00		2.70	10.80		
	collapsible gate		2	4.00		2.70	21.60		
	division back side		2	4.00		2.10	16.80		
							165.17	**102.82**	**16983.00**
	Basic Rate	97.00							

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Area Weightage 6%	5.82							
	Grand Total	102.82							
							Sub Total		1113262.00
10	GST of 12% as per Govt Letter No PWD 65 RDF 2017 Dated 11-10-2018								133591.44
11	Miscellaneous charges								3147.00
	(Rupees Tweleve lakhs fifty thousand Only)							Total	1250000.00

CERTIFICATE

1. The work spot has been inspected and the work is found necessary.
2. This estimate is prepared as per C.S.R. of 2018-19
3. The provisions were made in this estimate are necessary and adequate.
4. This works come under B.B.M.P. limits.

Assistant Engineer

Executive Engineer
Yelahanka Division
Bangalore-64

Assistant Executive Engineer
Yelahanka Sub Division
Bangalore-64

Administrative Sanction
Accorded For Rs. RS 12.50 lakhs
Head of A/C P3291
CER NO 106/18-19 Dt. 08.01.2019

TECHNICALLY SANCTIONED FOR Rs. 12.50 lakhs
Rupees Twelve Lakhs Fifty Thousand
Under P. 3291 - 14 1 1
Registered as CE ( ) No 99
Subject to conditions contained in
enclosed memo EE ( ) No /91
Dt. Page 6 of 6 Estimate sanctioned
EE/YNK/TE/19/18-19
Dated 7-2-19 Rs 12.50 lakhs

Engineer